

Fig. 1

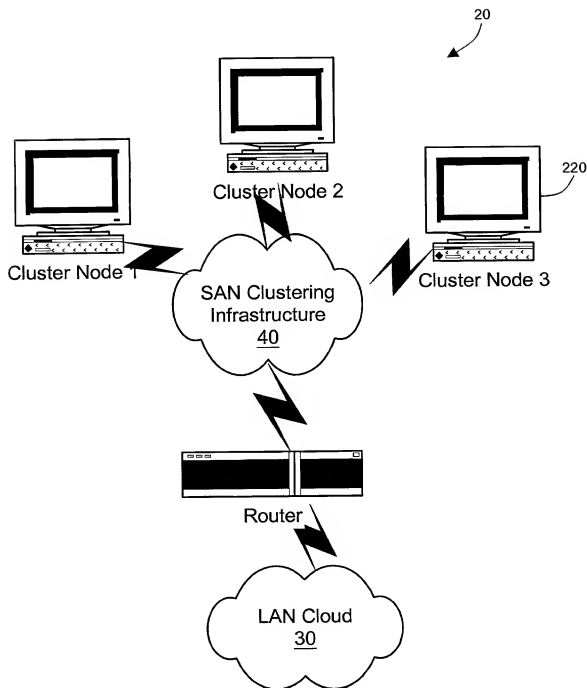


Fig. 2

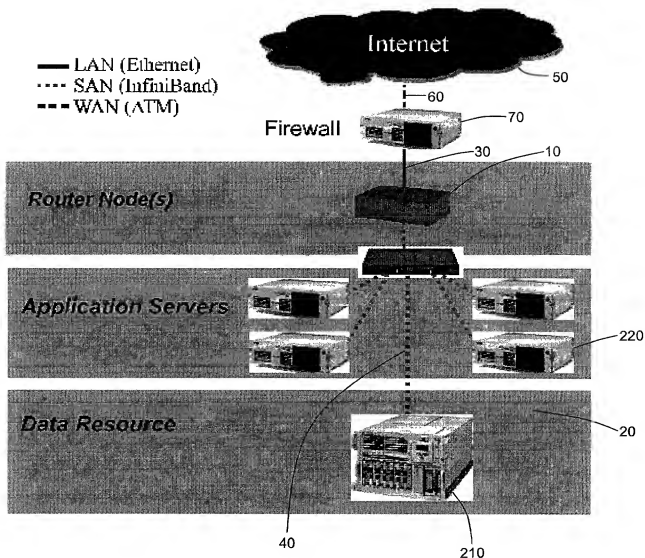
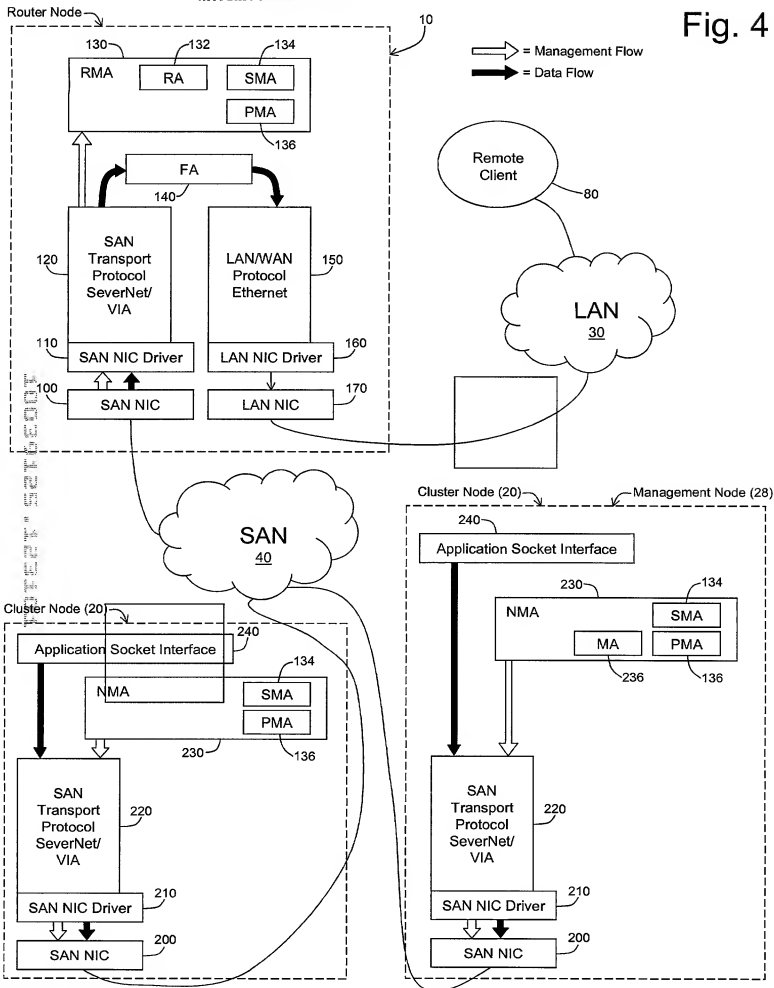


Fig. 3

Fig. 4



Policy Table

Fig. 5

Services	Eligibility	SAN address	Weight
http	No Authorization Required	Clust Node 1	Allocate Twice
ftp	No Authorization Required	Clust Node 2	Allocate Once
SAP	Authorization Required	Clust Node 1	Allocate Once

Session Table

Fig. 6

SRC MAC Add	SRC IP Add	SRC TCP Sock #	DEST SAN Add	Session Handle
Rem Clnt1 MAC	Rem Clnt1 IP	Rem Clnt1 Sock #	Clust Node1	Session Handle1
Rem Clnt2 MAC	Rem Clnt1 IP	Rem Clnt1 Sock #	Clust Node2	Session Handle2
Rem Clnt2 MAC	Rem Clnt1 IP	Rem Clnt1 Sock #	Clust Node3	Session Handle3

Fig. 7

Cluster Node Management Election Packet

Broadcast from the Cluster Nodes:

0		1		2		3	
Source IP address							
Destination IP address							
Priority				Cluster ID			
Packet Type				Function			
Router IP address (N/A)							
Management Node IP address (N/A)							
Source Port (N/A)				Destination Port (N/A)			

Fig. 8

Router Node Management Election Acknowledge Packet

Reply from the Router Node

0	1	2	3		
Source IP address					
Destination IP address					
Priority (N/A)		Cluster ID			
Packet Type		Function			
Router IP address					
Management Node IP address (N/A)					
Source Port (N/A)		Destination Port (N/A)			

Fig. 9

Management Node Notification Packet

Sent from the Router Node to the Cluster Nodes

0	1	2	3		
Source IP address					
Destination IP address					
Priority (N/A)		Cluster ID			
Packet Type		Function			
Router IP address					
Management Node IP address					
Source Port (N/A)		Destination Port (N/A)			